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ture are very frankly and decidedly materialistic. He says that he has "found it convenient to omit from the definitions and descriptions here used all terms implying subjective conditions which are incapable of direct observation by our senses" (p. 37). In another place he speaks of "the physical action called 'thought'" (p. 39); and again he expresses the opinion that "thought consists in the formation of the union of cells whose motor or efferent action produces expression of the thought" (p. 40). A considerable part of the book is taken up by general discussions about the brain, the body, and the life of animals and plants, much of which has no bearing on the ostensible subject of the work. Whenever we come to the essential part of the book, we find it to be in the main a study of abnormal and pathological states of young children, with advice as to the best mode of dealing with them. On these points he shows abundant knowledge, and makes suggestions that we should think teachers would find useful. He is specially concerned for children that have some mental or physical defect, and points out how faults of temper, as well as inattention and idleness, often arise from physical defect or from weariness. At the end of the book is a catalogue of a museum of natural history, such as the author has found useful in giving instruction, and which will doubtless be interesting to teachers.

AMONG THE PUBLISHERS.

THE question of hours of labor is discussed by Gen. Walker in the *Atlantic* for June. This and Hannis Taylor's consideration of "The National House of Representatives: Its Growing Inefficiency as a Legislative Body," are the two articles which make up the solid reading of the number.

—"With Fly-Rod and Camera" is the title of an elaborately illustrated work announced for immediate publication by the Forest and Stream Publishing Company. The author is Edward A. Samuels of Boston. The book contains 150 full page reproductions of photographs, to the collection of which Mr. Samuels has devoted the vacations of several years on the picturesque salmon rivers of Canada.

—The size of the *American Machinist* has been increased to twenty pages, the four pages thus added being divided between

readers and advertisers. On and after June 1, 1890, the subscription price will be increased to three dollars a year, and the newsstand retail price to six cents a copy.

—Not all new things come from the effete East. The Bannack and Crow Indians and other tribes in the northern Rockies are laboring with an extraordinary delusion that Christ has come to earth, and is now in the Big Horn Mountains, somewhere between Fort Custer and Fort Washakie, Wyoming Territory. Gen. James S. Brifbin, U.S.A., commanding in Montana, has in the *New York Ledger* of May 17 an interesting letter concerning the hallucination, and giving full and interesting details about it.

—Messrs. Houghton, Mifflin, & Co. have in preparation an entirely new and complete large-paper edition of the writings of James Russell Lowell. These have been re-arranged by Mr. Lowell, and will appear in volumes not bearing the titles by which his works have heretofore been known, but titles suggested by the new classification. Thus there will be "Literary Essays," in four volumes; "Political Essays," in one volume; "Literary and Political Addresses," in one volume; "Poems," in four volumes. These will comprise all of Mr. Lowell's writings up to date which he wishes to preserve, and will include several addresses, etc., not contained in his volumes hitherto published. Mr. Lowell has carefully revised the whole, prose and poetry. To "The Biglow Papers," which owed their great effectiveness, at the time of their publication, to their many personal and political allusions almost as much as to their wit, full explanatory notes are added, which will render these remarkable papers more intelligible to readers of this and future generations. Thus his writings in this issue will bear the form which he regards as final, and which for the future will represent his definitive contribution to the world's literature.

—In the Department of Arizona, on May 17, Lieut. Wittenmeyer succeeded in signalling a message by a signal-flash 125 miles from Mount Reno, near Fort McDowell, to Mount Graham, near Fort Grant, where it was received by Capt. Murray. The latter, by turning his instrument, flashed the message to Fort Huachuaca, a distance of 90 miles, making a distance of 215 miles with only one intervening station. This is the best work yet accomplished in heliography, the longest distance heretofore made with a signal-flash being only about 70 miles.

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